



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RB KIT 407M-17
Job Sheet 186442



Part No: RB KIT 407M-17

Job Qty: 10 ea

Part Name: Gauge Pin .1440"



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 11/15/18

Job Tracking No:

Due Date: 11/30/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG RB KIT 407M REV.C IPP REV A 18.01.25 NEW ISSUE RQ VERIFIED BY DP/IPP Rev B 18.03.08 DWG update Rev. C DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Purchasing	10 pcs	11/30/18	11/30/18	0.00	0.00	Purchasing		DEC 27 2018
95	Packaging	10 pcs	11/30/18	11/30/18	0.00	0.00	Packaging2		DEC 27 2018
100	QC	10 pcs	11/30/18	11/30/18	0.00	0.00	QC6		DEC 29 2018
110	Small Fab	10 pcs	11/30/18	11/30/18	0.00	1.25	Small Fab-8		DEC 29 2018
120	QC	10 pcs	11/30/18	11/30/18	0.00	0.00	QC5		DEC 28 2018
130	Packaging	10 pcs	11/30/18	11/30/18	0.00	0.00	Packaging3		DEC 28 2018
140	QC21-SA	10 Ea	11/30/18	11/30/18	0.00	0.00	QC21		DEC 28 2018

Part Op
Descriptions: 110 - -Cut pin in half. -Deburr

DEC 21 2018
JAN 09 2019

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
21135A54	Plug Gauge	5 Ea (.5 ea)	90-Purchasing	5140543

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Purchasing	21135A54	5	59	0
			NOV 20 2018	
			13	
			9-89	
				X10

Part Specifications



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

uld not be found.

Plex 11/15/18 12:42 PM dart.lavoie.chantal

Container No: S140544



Part: RB KIT 407M-17

Job No: 186442

Serial No/Batch: S140544

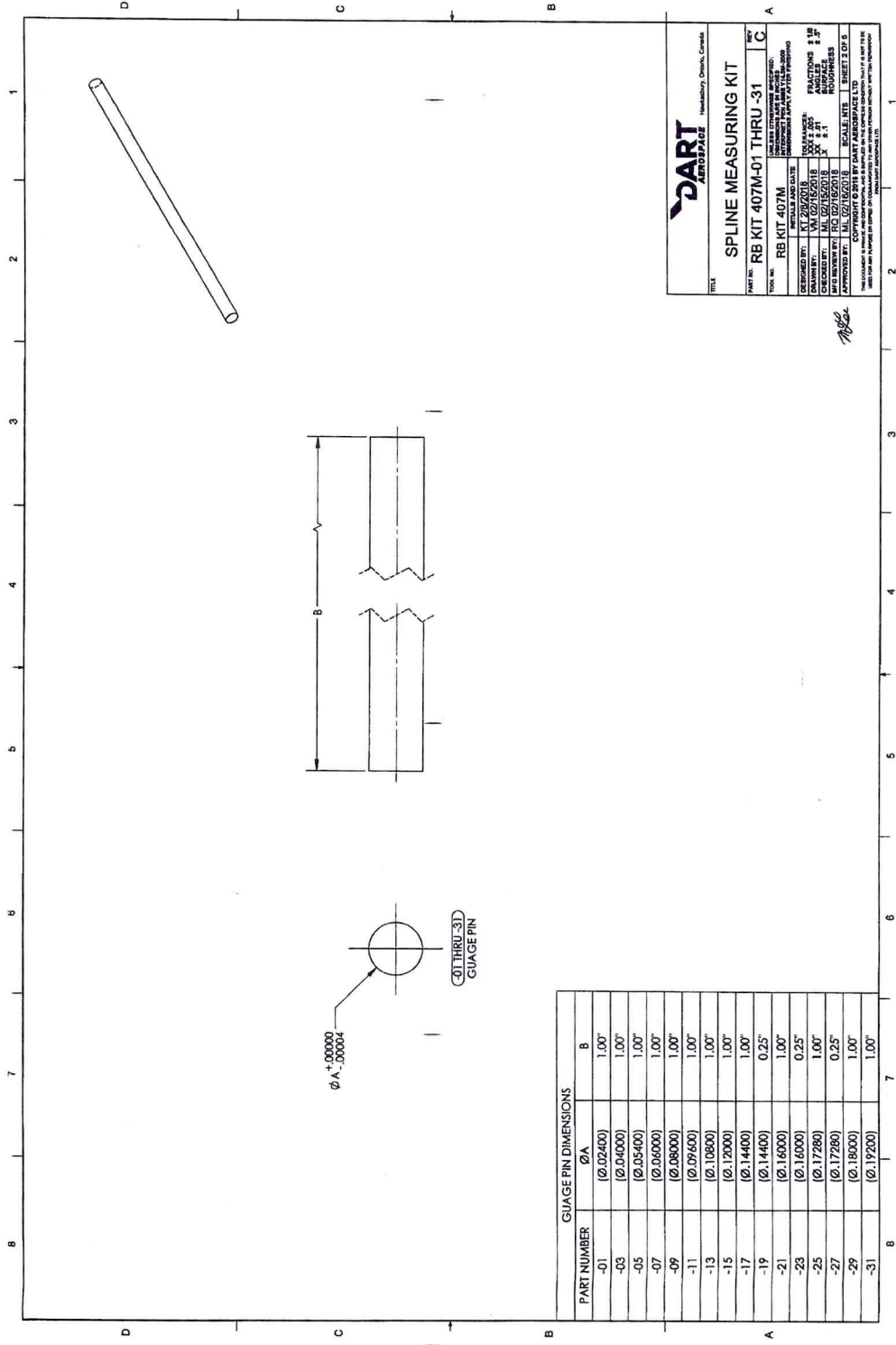
Revision: C

Inspector:

Exp Date:

Instructions:

Date: 12/28/18



GUAGE PIN DIMENSIONS		
PART NUMBER	ØA	B
-01	(Ø.02400)	1.00"
-03	(Ø.04000)	1.00"
-05	(Ø.05400)	1.00"
-07	(Ø.06000)	1.00"
-09	(Ø.08000)	1.00"
-11	(Ø.09600)	1.00"
-13	(Ø.10800)	1.00"
-15	(Ø.12000)	1.00"
-17	(Ø.14400)	1.00"
-19	(Ø.14400)	0.25"
-21	(Ø.16000)	1.00"
-23	(Ø.16000)	0.25"
-25	(Ø.17280)	1.00"
-27	(Ø.17280)	0.25"
-29	(Ø.18000)	1.00"
-31	(Ø.19200)	1.00"

PART AEROSPACE		Manufacture, Ontario, Canada	
SPLINE MEASURING KIT			
PART NO.	RB KIT 407M	REV	C
TITLE			
DATE	REV	DATE	REV
DESIGNED BY	DATE	DESIGNED BY	DATE
CHECKED BY	DATE	CHECKED BY	DATE
APPROVED BY	DATE	APPROVED BY	DATE
FRACTIONS 1/8		FRACTIONS 1/8	
DECIMALS 1/16		DECIMALS 1/16	
TOLERANCES		TOLERANCES	
COPYRIGHT © 2011 BY TANT AEROSPACE LTD		COPYRIGHT © 2011 BY TANT AEROSPACE LTD	
SCALE: 1:1		SCALE: 1:1	
SHEET 1 OF 5		SHEET 1 OF 5	



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Tel (613) 632-5200

PURCHASE ORDER **PO041784**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO041784

PO Date: 11/20/18

Due Date: 11/23/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

REVISED

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground

Pynt Terms: 2% 10 Net 30

Freight Terms:

Special Comments:

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		RBE117-30001W3-5	1/pk 3403T331	Strap Assembly	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$83.42/Ea	\$333.68
2		20625A914	1/pk	Dial Indicator Attchmnt Agd-2 Dial	Firmed	-	11/23/18	5 Ea	0 Ea	5 Ea	\$6.63/Ea	\$33.15
3		91259A583	1/pk	Shoulder Screw 5/16" Shoulder Dia, 1" L Shoulder, 1/4"-20 Thread	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$1.17/Ea	\$11.70
4		5416K41	5/pk	SS Hose Clamp 3.5" Dia. receive ea	Firmed	-	11/23/18	10 Ea	0 Ea	10 Ea	\$1.536/Ea	\$15.36
5		AGD-2	2092A42 1/pk	1" Dial Indicator 0" to 1" Range	Firmed	-	11/23/18	2 Ea	0 Ea	2 Ea	\$90.45/Ea	\$180.90
6		09094-QADPC416	97787A661	Expandable Pin Assembly D4711-043	Firmed	-	11/23/18	20 pcs	0 pcs	20 pcs	\$114.68/pcs	\$2,293.60
Line Item Note as per dwg d4711 rev. d												
7		186441 21135A53		Plug Gauge receive ea	Firmed	-	12/14/18	10 Ea	0 Ea	10 Ea	\$18.77/Ea	\$187.70
Line Item Note gauge pin size: .0540" dia												
8		186442 21135A54		Plug Gauge	Firmed	-	12/6/18	10 Ea	0 Ea	10 Ea	\$13.05/Ea	\$130.50



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Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Line Item Note gauge pin size: .1440"												
10		MT-O1-B-0.375X0.500	9516K101 6 ft	Tool Steel Bar 0.375" X 0.500"	Firmed	-	11/28/18	6 ft	0 ft	6 ft	\$13.22666/ft	\$79.36
							NOV 26 2018					
11		91249A146	100/pk	Screw, Stainless Steel	Firmed	-	11/23/18	100 pcs	0 pcs	100 pcs	\$0.0516/pcs	\$5.16
							NOV 26 2018					
12		91375A673	10/pk	Socket Head Set Screw 7/16-14 X 1.5	Firmed	-	11/23/18	20 Ea	0 Ea	20 Ea	\$0.922/Ea	\$18.44
				receive ea			NOV 26 2018					
14		76475A92	3 ft long	Low-Friction Surface-Protection Tape w/Teflon PTFE, Extra-Tough, 2" Wide x 0.022" Thick x 3' Long	Firmed	-	11/23/18	6 ft	0 ft	6 ft	\$12.973333/ft	\$77.84
				receive ea			NOV 26 2018					
15		90293A113	1/pk	Quick Release Pin 1/4" dia., 1-1/2" Length	Firmed	-	11/23/18	13 Ea	0 Ea	13 Ea	\$20.57/Ea	\$267.41
							NOV 26 2018					
16		91257A662	10/pk	Steel Hex Head Screw 3/8"-24 x 2-3/4" Long	Firmed	-	11/23/18	20 Ea	0 Ea	20 Ea	\$0.83/Ea	\$16.60
							NOV 26 2018					
17		91735A146	50/pk	SS Pan Head Phillips Screw #6-32 x 3/8" Long	Firmed	-	11/23/18	50 Ea	0 Ea	50 Ea	\$0.1004/Ea	\$5.02
							NOV 26 2018					
18		92865A221	5/pk	TBD	Firmed	-	11/23/18	5 Ea	0 Ea	5 Ea	\$2.352/Ea	\$11.76
							NOV 26 2018					
19		94744A240	25/pk	Flat Washer Zinc-Plated Steel Washer 1/4" Screw size 25/pack	Firmed	-	11/23/18	25 Ea	0 Ea	25 Ea	\$0.2596/Ea	\$6.49
							NOV 26 2018					



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PURCHASE ORDER **PO041784**

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
20		94748A429	1/pk	SS Knob-Grip Push-Button Quick Release Pin 3/8" Dia. x 2-1/2" Long	Firmed	-	11/23/18	4 Ea	0 Ea	4 Ea	\$39.70/Ea	\$158.80
						4x	NOV 26 2018					
21		94748A439	1/pk	SS Knob-Grip Push-Button Quick Release Pin 1/2" Dia. x 1" Long	Firmed	-	11/23/18	1 Ea	0 Ea	1 Ea	\$46.41/Ea	\$46.41
						1x	NOV 26 2018					
					Firmed	-	11/28/18	3 Ea	0 Ea	3 Ea	\$46.41/Ea	\$139.23
Sub Total:								4	0	4		\$185.64

Grand Total: \$4,019.11

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 DOCUMENT SPECIAL REQUIREMENTS

A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/26/18 9:01 AM dart.lavoie.chantal



200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
e.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO041784

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4390621-05

Page 1 of 2

12/10/2018

Line	Product	Ordered	Shipped
7	21135A53 Class x Plug Gauge, NO-Go, 0.054" Size	10 Each	10
3	21135A54 Class X Plug No-Go Gauge, Size=.1440	10 Each	10

DAS
68
9-89

Shipped separately from our Cleveland warehouse on 11/21

2	20625A914 Mitutoyo Model 101039 Flat Back for Plunger-Style Variance Indicator	5 Each	5
3	91259A583 Alloy Steel Shoulder Screw, 5/16" Shoulder Diameter, 1" Shoulder Length, 1/4"-20 Thread	10 Each	10
4	5416K41 Worm-Drive Clamps for Firm Hose and Tube with 410 Stainless Steel Screw, 1/2" Band Width, 3-1/16" to 4" Clamp ID	2 Packs	2
5	2092A42 Plunger-Style Variance Indicator, Plus/Minus Dial, Plain, 0" to 1" Range, AGD Group 2	2 Each	2
3	97787A661 Expanding Diameter Quick-Release Pin, 1/4" Diameter, 1" Usable Length	20 Each	20
3	8893K239 Tight-Tolerance Multipurpose O1 Tool Steel Rod, 0.3750" Diameter, 6 Feet Long	1 Each	1
11	91249A146 Black-Oxide 18-8 Stainless Steel Pan Head Phillips Screws, 6-32 Thread, 3/8" Long	1 Pack	1
12	91375A673 Alloy Steel Cup-Point Set Screw, Black Oxide, 7/16"-14 Thread, 1-1/2" Long	2 Packs	2
13	48925K93 Standard-Wall Unthreaded PVC Pipe for Water, 1 Pipe Size, 5 Feet Long	3 Each	3
14	76475A92 Low-Friction Tape Made with Teflon PTFE, Heavy Duty, 2" Wide, 3 Feet Long, 0.022" Overall Thickness	2 Each	2
15	90293A113 T-Handle Push-Button Quick-Release Pin, 1/4" Diameter, 1-1/2" Usable Length	13 Each	13
16	91257A662 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 3/8"-24 Thread Size, 2-3/4" Long	2 Packs	2

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO041784

Order Placed By
Chantal Lavoie

McMaster-Carr Number
4390621-05

Page 2 of 2

12/10/2018

Line	Description	Ordered	Shipped
17	91735A146 316 Stainless Steel Pan Head Phillips Screw, Super-Corrosion-Resistant, 6-32 Thread Size, 3/8" Long	1 Pack	1
18	92865A221 Medium-Strength Grade 5 Steel Hex Head Screw, Zinc-Plated, 3/8"-24 Thread Size, 2" Long, Fully Threaded	1 Pack	1
19	94744A240 Zinc-Plated Steel Washer for Soft Material, 1/4" Screw Size, Narrow ASME Designation	1 Pack	1
20	94748A429 Knob-Grip Push-Button Quick-Release Pin with Lanyard, 3/8" Diameter, 2-1/2" Usable Length	4 Each	4
21	94748A439 Knob-Grip Push-Button Quick-Release Pin with Lanyard, 3/8" Diameter, 3-1/2" Usable Length	4 Each	1

Shipped separately from our Chicago warehouse on 11/21

1	3403T331 Nylon Web Sling with Choker Fittings, 2475 lbs. Choker Capacity, 5 Feet Long	4 Each	4
10	9516K101 Tight-Tolerance Multipurpose O1 Tool Steel Bar, 3/8" Thick, 1/2" Wide, 6 Feet Long	1 Each	1
21	94748A439 Knob-Grip Push-Button Quick-Release Pin with Lanyard, 3/8" Diameter, 3-1/2" Usable Length	4 Each	3